SEQUENCE LISTING

<110> Applied Research Systems ARS Holding N.V.

<120> Use of protein tyrosine phosphatase inhibitors for prevention and/or treatment of cancer

<130> WO 595

<160> 34

<170> PatentIn version 3.1

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<211> 1115

<212> PRT

<213> Homo sapiens

<400> 1

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Gly Arg Asn Leu Thr Val Glu Thr Gln Thr Thr Ser Ser Ile Ser Leu
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Ser Trp Glu Val Pro Asp Gly Leu Asp Ser Gln Asn Ser Asn Tyr Trp
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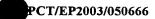
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Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val Gly Thr
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Val Thr Thr Ala Thr Ala Pro Asn Pro Val Arg Asn Leu Arg Val Glu
115   120   125

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Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro Asp Gly
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Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly Asp Gly
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Gly Leu Glu Pro Gly Cys Leu Tyr Ala Phe Ser Met Trp Val Gly Lys
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Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr Ala His
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Asn Pro Val Arg Asn Leu Arg Val Glu Ala Gln Thr Thr Ser Ser Ile
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Ser Leu Ser Trp Glu Val Pro Asp Gly Thr Asp Pro Gln Asn Ser Thr
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45   Tyr Cys Ile Gln Cys Thr Gly Asp Gly Gly Arg Thr Glu Thr Arg Asn
245   250   255

Thr Thr Asp Thr Arg Val Thr Val Asp Gly Leu Gly Pro Gly Ser Leu
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Tyr Thr Cys Ser Val Trp Val Glu Lys Asp Gly Val Asn Ser Ser Val
275 280 285

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Glu Ile Val Thr Ser Thr Thr Ala Pro Asn Pro Val Arg Asn Leu Thr
290 295 300

10 Val Glu Ala Gln Thr Asn Ser Ser Ile Ala Leu Thr Trp Glu Val Pro
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Asp Gly Pro Asp Pro Gln Asn Ser Thr Tyr Gly Val Glu Tyr Thr Gly
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Asp Gly Gly Arg Ala Gly Thr Arg Ser Thr Ala His Thr Asn Ile Thr
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Val Asp Arg Leu Glu Pro Gly Cys Leu Tyr Val Phe Ser Val Trp Val
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Gly Lys Asn Gly Ile Asn Ser Ser Arg Glu Thr Arg Asn Ala Thr Thr
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30 Ala Pro Asn Pro Val Arg Asn Leu His Met Glu Thr Gln Thr Asn Ser
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Ser Ile Ala Leu Cys Trp Glu Val Pro Asp Gly Pro Tyr Pro Gln Asp
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Tyr Thr Tyr Trp Val Glu Tyr Thr Gly Asp Gly Gly Gly Thr Glu Thr
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Arg Asn Thr Thr Asn Thr Ser Val Thr Ala Glu Arg Leu Glu Pro Gly
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Thr Leu Tyr Thr Phe Ser Val Trp Ala Glu Lys Asn Gly Ala Arg Gly
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50 Ser Arg Gln Asn Val Ser Ile Ser Thr Val Pro Asn Ala Val Thr Ser
465 470 475 480

Leu Ser Lys Gln Asp Trp Thr Asn Ser Thr Ile Ala Leu Arg Trp Thr
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Ala Pro Gln Gly Pro Gly Gln Ser Ser Tyr Ser Tyr Trp Val Ser Trp
500   505   510

Val Arg Glu Gly Met Thr Asp Pro Arg Thr Gln Ser Thr Ser Gly Thr
515   520   525

Asp Ile Thr Leu Lys Glu Leu Glu Ala Gly Ser Leu Tyr His Leu Thr
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Val Trp Ala Glu Arg Asn Glu Val Arg Gly Tyr Asn Ser Thr Leu Thr
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Ser Gln Leu Tyr Val Tyr Trp Val Gln Trp Ala Ser Lys Gly His Pro
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Arg Arg Gly Gln Asp Pro Gln Ala Asn Trp Val Asn Gln Thr Ser Arg
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Tyr Asn Phe Thr Val Trp Ala Glu Arg Asn Asp Val Ala Ser Ser Thr
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Gln Ser Leu Cys Ala Ser Thr Tyr Pro Asp Thr Val Thr Ile Thr Ser
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Cys Val Ser Thr Ser Ala Gly Tyr Gly Val Asn Leu Ile Trp Ser Cys

675   680   685

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     Leu Gly Pro Ala Arg Ser Tyr Pro Ala Thr Ile Thr Thr Ile Trp Asp
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15   Gly Met Lys Val Val Ser His Ser Val Val Cys His Thr Glu Ser Ala
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40   Ser Gln Ser Gln Met Val Ala Ser Ala Ser Glu Asn Asn Ala Lys Asn
          835   840   845

     Arg Tyr Arg Asn Val Leu Pro Tyr Asp Trp Ser Arg Val Pro Leu Lys
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     Pro Ile His Glu Glu Pro Gly Ser Asp Tyr Ile Asn Ala Ser Phe Met
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Pro Gly Leu Trp Ser Pro Gln Glu Phe Ile Ala Thr Gln Gly Pro Leu
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        His Thr Leu Val Met Leu Thr Asn Cys Met Glu Ala Gly Arg Val Lys
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        Cys Glu His Tyr Trp Pro Leu Asp Ser Gln Pro Cys Thr His Gly His
          930   935   940
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        Leu Arg Val Thr Leu Val Gly Glu Glu Val Met Glu Asn Trp Thr Val
       945   950   955   960

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        Arg Glu Leu Leu Leu Leu Gln Val Glu Glu Gln Lys Thr Leu Ser Val
          965   970   975

25   Arg Gln Phe His Tyr Gln Ala Trp Pro Asp His Gly Val Pro Ser Ser
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        Pro Asp Thr Leu Leu Ala Phe Trp Arg Met Leu Arg Gln Trp Leu Asp
30   995   1000   1005

        Gln Thr Met Glu Gly Gly Pro Pro Ile Val His Cys Ser Ala Gly
          1010   1015   1020
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        Val Gly Arg Thr Gly Thr Leu Ile Ala Leu Asp Val Leu Leu Arg
          1025   1030   1035

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        Gln Leu Gln Ser Glu Gly Leu Leu Gly Pro Phe Ser Phe Val Arg
          1040   1045   1050

45   Lys Met Arg Glu Ser Arg Pro Leu Met Val Gln Thr Glu Ala Gln
          1055   1060   1065

        Tyr Val Phe Leu His Gln Cys Ile Leu Arg Phe Leu Gln Gln Ser
50   1070   1075   1080

Ala Gln Ala Pro Ala Glu Lys Glu Val Pro Tyr Glu Asp Val Glu
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